



Mouse IgG3 kappa Isotype Control [Alexa Fluor® 488] (DAGIC817)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity The isotype of NH4-46 immunoglobulin is mouse IgG3,κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live and fixed mouse, rat and human tissues.

Immunogen Trinitrophenol + KLH

Isotype IgG3, κ

Source/Host Mouse

Species Reactivity N/A

Clone NH4-46

Purification Affinity chromatography

Conjugate Alexa Fluor 488

Applications FC, ICFC, ICC, IF

Preparation The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 488 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 488.

Format Liquid

Concentration 0.5 mg/ml

Size 100 µg

Buffer Phosphate-buffered solution, pH 7.2

Preservative 0.09% Sodium Azide

Storage The antibody solution should be stored undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.

BACKGROUND

Introduction Isotype controls are primary antibodies that lack specificity to the target, but match the class and type of the primary antibody used in the application. Isotype controls are used as negative controls to help differentiate non-specific background signal from specific antibody signal. Depending upon the isotype of the primary antibody used for detection and the target cell types involved, background signal may be a significant issue in various experiments.
